

















About company:

ATREA s.r.o. was founded in 1990 by Ing. Petr Morávek, CSc., in a family house laundry room. Thanks to its founder's technological eruditon, flexibility of a private family company, active business policy and efforts of its founders and senior staff, ATREA became one of the largest manufacturers of ventilation equipment in the European market with almost thirty years of experience.

ATREA currently employs nearly 300 people. The production capacities of the company are situated in Jablonec nad Nisou, about 20 km from the German border. The area of the production plant is more than 25.000 square meters with further planned expansion with state-of-the-art machinery and robotic devices for the production of top-of-the-range products.

Production policy:

Company ATREA ranks among the leading European manufacturers of ventilation units with heat recovery. Its production program is focused on producing high quality ventilation units with heat recovery. A very important part of the company's success is, unlike with most competitors, a maximum.

mum control over the strategic components of its own production program. The company thus develops and manufactures its own heat exchangers, as well as its own state-of-the-art control system, which is directly tailored to ATREA air-handling units.

Technological innovation:

The company's success lies in continuous technological innovation and the deep technical erudition of its founder and the entire development team. The custom development of strategic components and the pressure for continuous innovation enable us to maintain our leadership position in relation to our competition. We are also able to penetrate demanding Western markets, where manufacturers of lower quality goods can hardly establish themselves.

Trade policy:

ATREA is a multinational company that is building up a holding firm of international subsidiaries. Since it is a family company, its trade policy is extremely active and flexible. ATREA is number one on the Czech and Slovak markets and one of the market leaders in Germany, where it has built up a strong presence through a top-class partnership lasting more than 20 years.



Certifications:













Overall, ATREA is present in more than 23 foreign markets, including not only Germany but also the UK, Switzerland, Denmark and Australia, and is also building its own subsidiaries - currently associated subsidiaries in Slovakia, Hungary, Romania, Bulgaria, Poland, Croatia and Austria.

Own accredited laboratory:

ATREA also has its own testing laboratory called Airlab, which is internationally recognized, certified and accredited, and not just for measuring air-handling units with heat recovery. The company can flexibly respond to its own development trends and collaborates with laboratories such as the PHI Institute or Eurovent.

ATREA is also a member of the highly important EVIA Group. EVIA brings together only the most outstanding manufacturers and largest European players in HVAC. The European Ventilation Industry Association (EVIA) was established in Brussels in July 2010. EVIA's mission is to represent the views and interests of the ventilation industry and serve as a platform between all the relevant European stakeholders involved in the ventilation sector, such as decision-makers at the EU level as well as our partners in EU Member States.

ATREA product range

- Commercial ventilation - air handling units from 500-15.100 mc/h
- Residential ventilation - air handling units from 170-580 mc/h
- Kitchen ventilation - whole area ventilation ceilings and kitchen hoods
- SMART Box system
- Passive houses by ATREA
- School ventilation



Certification







Eurovent



Passive House



Ecodesign 2018



Eurasian conformit

Compact **but efficient**

Own production of heat exchangers – We have our own know-how for the production of heat recovery cores. Our range consists of cross-flow and counterflow types.

High quality products – We use the best components on the market, such as Belimo servos and EBM-Papst and Ziehl-Abegg fans.

Control system – There are two types of control system in our portfolio, a high-demand version with integrated web server or a simpler and cheaper version.

Selection software – A great tool for designers, easy, intuitive, includes all the technical and marketing information.

Compact units – Our units are very small and flexible to fit the strictest project requirements.

Plug'n'play – Every product is double checked before it leaves our company, so we save your money by saving time on difficult installation work.

Remotely controlled units – There is no need to travel long distances to fix our units. Errors can easily be fixed using the unit's web interface.

Certification – We can prove the high quality of our products with various major certificates throughout our portfolio.

ATREA's product range



• Commercial range Domestic range 1.000 2.000 3.000 10.000 15.000 4.000 5.000 6.000 8.000 **DUPLEX Multi DUPLEX MultiEco DUPLEX Flexi DUPLEX Roto DUPLEX Basic DUPLEX Inter** DUPLEX **EC5** 170 ... 370 570 DUPLEX Easy 250

Counterflow ♦ Crossflow Rotary

COMMERCIAL LINE



ADVANTAGES Multi

- Heat recovery efficiency up to 93 %
- Superior plastic counter-flow heat exchanger
- Very flat design, suitable even for ceiling-suspended mounting
- Highly variable
- Compact and semi-compact design
- Elegant look
- Integrated heating and cooling possibility
- Floor-standing, ceiling-suspended and floor-standing flat version
- The units meet requirement in accordance with Commision regulation (EU) No. 1253/2014 (Ecodesign)

- Remote control via Internet interface
- Major savings in servicing costs
- Touchscreen controller
- EC type fans top German quality
- Smart phones application
- BMS, KNX, Bacnet compatibility
- Hygiene version according to VDI 6022
- 100 % by-pass
- Air circulation mode
- Constant airflow and pressure control

Multi size range



500 m³/h 11.000 m³/h



ADVANTAGES base frame

TRADITIONAL

- **HEAT loss**
- MATERIAL expenses
- LABOUR expenses
- UNATTRACTIVE design

ATREA

- COST saving
- NO heat loss
- ELEGANT design





DUPLEX Multi 500-11.000 m³/h

(500,1000, 1500, 2500, 3500, 5000, 6500, 8000, 10000, 11000)

A compact and 100 % customizable unit for various indoor installation positions including underceiling to meet all the requirements of all projects.





DUPLEX Multi-V

1.500-8.000 m³/h

(1500, 2500, 3500, 5000, 6500, 8000)

Air handling unit with heat recovery efficiency of up to 93 % with the same philosophy of total customization, but with special design of all spigots upwards.



rooftop





DUPLEX Multi-N 1.500-11.000 m³/h

(1500, 2500, 3500, 5000, 6500, 8000, 10000, 11000)

Excellent customized rooftop compact HVAC units. These units can be 100 % project tailored and have our professional S7 heat exchanger with heat recovery efficiency up to 93 %.

COMMERCIAL LINE



 $500-9.000 \text{ m}^3/\text{h}$ Counterflow



This unit line follows up to a very succesfull line DUPLEX Multi and it offers a wide range of versatile ventilation units with air performance from 500 to 9.000 m³/h. The philosophy of these units is based on several possibilities of configuration and absolute variability of these units. To keep up with the latest trends, we have created a whole new generation of compact commercial ventilation units that comply with EU Directive 1253/2014 and simply put, this is a solution that will take your breath away.





Certification



- Heat recovery efficiency up to 93 %
- Superior plastic counter-flow heat exchanger
- Very flat design, suitable even for ceiling-suspended mounting
- Highly variable
- Compact and semi-compact design
- Elegant look
- Integrated heating and cooling possibility
- Floor-standing, ceiling-suspended and floor-standing flat version
- The units meet requirement in accordance with Commision regulation (EU) No. 1253/2014 (Ecodesign)

- Internet interface as standard (RD5)
- Major savings in servicing costs
- Touchscreen controller
- EC type fans top German quality
- Smart phones application
- BMS, KNX, Bacnet compatibility
- Hygiene version according to VDI 6022
- 100 % by-pass
- Air circulation mode
- Constant airflow and pressure control

MultiEco size range



500 m³/h

9.000 m³/h







DUPLEX MultiEco

500-9.000 m³/h (500, 800, 1100, 1500, 2500, 3500, 4500, 5500, 6500, 7500, 9000)

DUPLEX MultiEco units for indoor use. The whole range can optionally be equipped with built-in or external accessories - water or electric heating, water-based or direct cooling, shut-off dampers, by-passes and recirculation etc.





DUPLEX MultiEco-V

1.500-6.500 m³/h (1500, 2500, 3500, 4500, 5500, 6500)

An excellent, brand new generation of our customized compact HVAC units with all outlets directed upwards. These units can be 100 % project tailored and have our professional S7 heat exchanger with heat recovery efficiency up to 93 %.



rooftop



DUPLEX MultiEco-N

1.500-9.000 m³/h (1500, 2500, 3500. 4500, 5500, 6500, 7500, 9000)

Ventilation unit with heat recovery targeted for the **rooftop** installations. A special feature of this new generation is their superb compactness with maximum focus on minimum height and ATREA innovative solution for heat loss elimination.

COMMERCIAL LINE



ADVANTAGES Flexi

- Floor-standing and under-ceiling in one
- Off-the-shelf delivery
- Efficiency of up to 93 %
- Great compactness
- On-site variability
- Versatile positioning
- Heating and cooling
- Left or right configuration in one unit

- Major savings in servicing costs as a result of the built-in web server
- 100 % by-pass
- Constant flow and constant pressure
- VDI 6022 hygiene certification
- Wide range of additional accessories
- PHI certification of the whole Flexi range

Flexi size range



650 m³/h



The units can just as easily be provided with our water cooling coil with a special surface with aluminium fins to better spread water droplets to prevent them from entering the HVAC duct. As standard, either water-based or direct coolers are supplied, they can also be operated in reverse mode to act as a heat pump.

The Flexi series units can easily be fitted with on-site heating accessories. An electrical EPO-V heater is available for use either as an electric re-heater or pre-heater. Another option is using a hot-water air heater.



DUPLEX Flexi **650–3.600 m³/h** (650, 1100, 1600, 2600, 3600)

Versatile compact HVAC units designed for **indoor** installation, with a counterflow heat recovery exchanger with efficiency up to 93 % and highly efficient FC fans.



Flexi advantages:

- · Ultraslim height of underceiling installation
- · Highly variable and easily adjustable on site
- Spigot connection variability (only 1600)
- Immediately available to customers!
- · Left or right configuration in one unit

COMMERCIAL LINE



All-purpose units DUPLEX Roto with rotary heat recovery core are used for comfort ventilation, as well as hot air heating and cooling offices, shops, retail, school buildings, restaurants, etc. The units are versatile because of the compact size, high heat recovery efficiency, low power consumption and minimal noise. DUPLEX Roto completes the series of DUPLEX Multi and DUPLEX Basic units and expands ATREA with seven additional sizes of ventilation units with air capacities from 1.500 to 15.000 m³/h (nominal outputs with external pressure min. 200 Pa). Roto units follow the philosophy of multiple variability. Designers can easily modify spigot connections, filters, heating, cooling or the position of the units themselves. Superior construction of units is suitably supplemented with the latest high-tech regulation, which includes web-server and communication via the Internet.









Certification

ADVANTAGES Roto

- Heat recovery efficiency up to 85 %
- Rotary heat exchanger certified by Eurovent
- Highly variable
- Compact or assembly design simplifies transport and installation
- Elegant look
- Integrated heating, preheating and cooling
- Floor-standing indoor or rooftop installation

- Great thermal insulation of the casing
- Internet interface as standard (RD5)
- Major savings in servicing costs
- EC fans top German quality
- BMS, KNX, Bacnet compatibility
- Hygiene version according to VDI 6022
- Combined mode with air circulation
- Constant airflow and pressure control

Roto size range



1500 m³/h 15.000 m³/h





inside



DUPLEX Roto

1.500–15.000 m³/h (1500, 2500, 4000, 5000, 8000, 12000, 15000)

All-purpose units DUPLEX Roto with rotary wheel heat recovery exchangers can be provided in both versions **inside and outside** and follow the philosophy of multiple variability of other ATREA sister lines.



rooftop

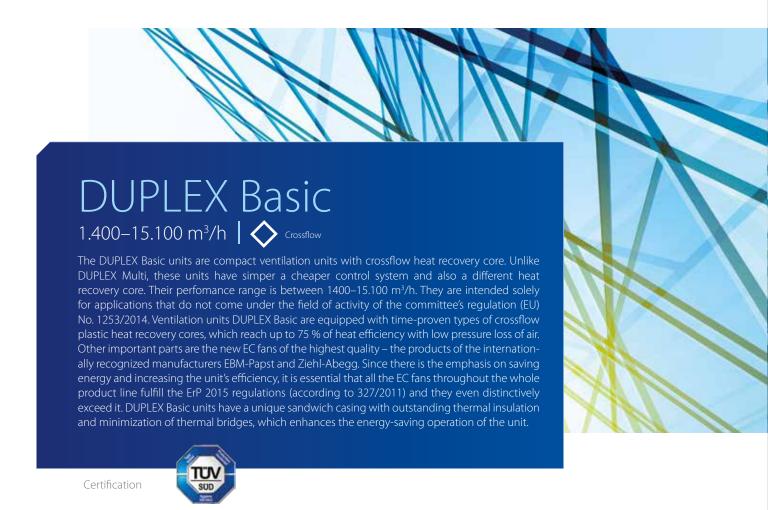


DUPLEX Roto-N

1.500–15.000 m³/h (1500, 2500, 4000, 5000, 8000, 12000, 15000)

Thanks to their construction design, DUPLEX Roto-N are fully adapted for rooftop installation. Rooftop units are equipped with special hoods and roofs that protect the unit against bad weather conditions.

COMMERCIAL LINE



ADVANTAGES Basic

- Heat recovery efficiency up to 75 %
- Superior cross-flow heat exchanger
- Very flat design, suitable even for ceiling-suspended installation
- Highly variable
- Compact and semi-compact design
- Elegant look
- Integrated heating and cooling possibility
- Floor-standing, ceiling-suspended and floor-standing flat version
- Great thermal insulation of the casing
- Internet interface as standard (RD5)

- Cheaper and simpler CP control system
- A major decrease in servicing costs
- Touchscreen controller
- EC type fans top German quality
- BMS, KNX, Bacnet compatibility
- Hygiene version according to VDI 6022
- 100 % by-pass
- Air circulation mode
- Constant airflow and pressure control

Basic size range



1.400 m³/h





DUPLEX Basic

1.400–15.100 m³/h (1400, 2400, 3400, 5400, 7100, 8100, 10100, 12100, 15100)

Customized HVAC units with crossflow heat recovery exchangers. This line is a cheaper version of the highest quality sister line DUPLEX Multi. Suitable for the **indoor** usage.





DUPLEX Basic-V

1.400–10.100 m³/h (1400, 2400, 3400, 5400, 7100, 8100, 10100)

DUPLEX Basic line has cross-flow exchanger up to 75 % of heat recovery efficiency and could be delivered also with **all spigots up**.



rooftop



DUPLEX Basic-N

1.400–15.100 m³/h (1400, 2400, 3400, 5400, 7100, 8100, 10100, 12100, 15100)

These units can be 100 % project tailored and customized for the **rooftop** installations.

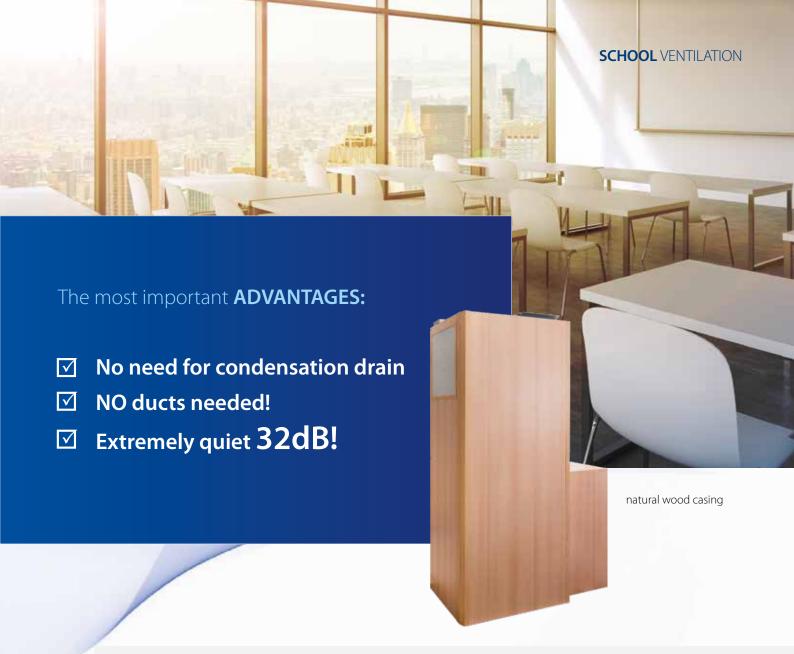


A new generation of school ventilation

- Compact, stand alone design (no ducts needed for ventilation)
- Extremely easy to install, no professional installation needed
- High efficiency of heat recovery up to 93 %
- 100 % by-pass
- Automatic anti-freeze protection
- Possibility to add heater for supply air
- Complies with Ecodesign 2018

ADVANTAGES for designers

- Safe for children
- Quiet performance; does not disturb
- Automatic operation of the unit based on the air quality
- Perfect ventilation for the whole classroom
- Reduces fatigue of students and teachers, higher performance
- Healthy environment for children



UNIQUE lacquered design

DUPLEX Inter

Optional choice, which unifies the look of the classroom together with the DUPLEX Inter and does not optically enlarge the unit.







COMMERCIAL LINE



One supplier provides warranty on everything

ATREA can also provide a simpler, cheaper solution – EASY box. This solution contains just the ventilation unit with heat recovery, VAV box and simpler control system.

ADVANTAGES SMART box

SMART box size range

- Complete ventilation system
- Guarantee from one supplier
- Lower maintenance costs (no filter replacements, etc.)
- Quiet operation due to the unit's rooftop location



25 m³/h

2.600 m³/h



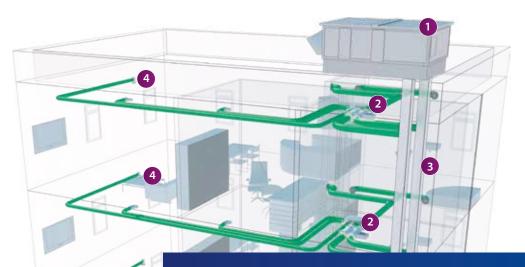
DUPLEX Unit — SMART boxes — Control system — Internet connection

The basis of the SMART box system is a compact heat recovery air handling unit, located anywhere inside or outside the building as chosen by the designer.

The heart of the SMART box system is a DCV/VAV controller. Compared with conventional devices, it has a wider range of settings and control options and above all minimizes energy demands.

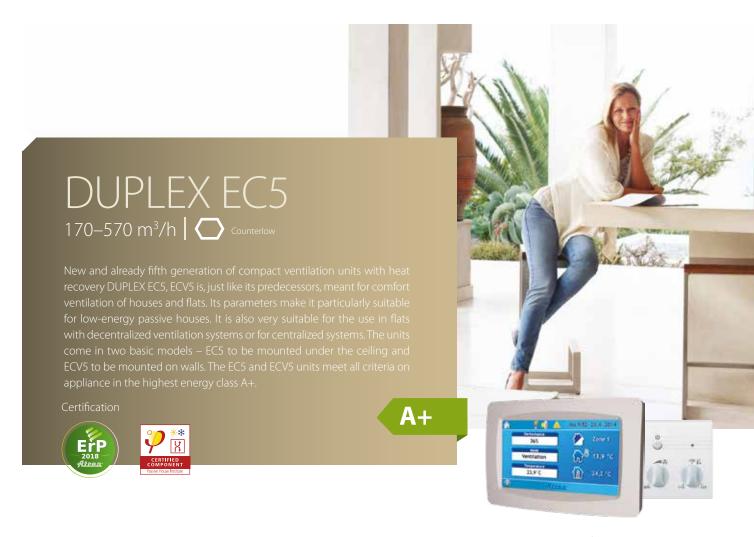
The roof and heart of the whole system is the cutting-edge RD5 control system, offering full control of each box through a web interface or using a touch-screen controller.

This oversees the entire system for its administrator, at the same time allowing the users to control it using computers and smart phones.



- 1 central unit (rooftop; with counterflow heat exchanger)
- 2 SMART box ensuring individual ventilation of each apartment
- 3 Central, rising air distributionconnects the central unit with the individual apartments
- 4 Distribution in apartment space fresh supply air and exhaust air

DOMESTIC LINE



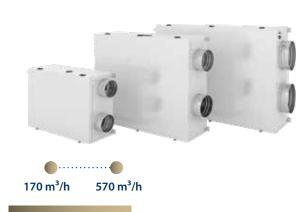
ADVANTAGES EC5

two types of control panels

- The highest energy class A+
- Mounting on walls and under ceilings
- Three performance variants to choose from
- Counterflow heat recovery exchangers
- Heat recovery efficiency up to 95 %
- Fully closable automatic bypass
- The most energy-saving EC fans
- Simple controls

- Two types of controls for different price ranges
- Low noise emissions
- Integrated electric pre-heater/reheater
- Easily connectible control system
- Constant air flow function
- Extensible electric pre-heater/reheater
- Warm-water heating
- INTEGRATED WEB SERVER

EC5 / ECV5 size range





280 m³/h 580 m³/h



Air pre-heaters and reheaters – For absolute comfort in ventilated areas, the units can be equipped with an integrated electric pre-heater and reheater, which are made using PTC cells. This greatly simplifies the installation and saves space. Electric pre-heater also serves as protection against the recovery exchanger freezing up.

External heaters and pre-heaters – It is also possible to choose from electric or hot-water reheaters in pipes as optional components. The electric pre-heater also serves as protection against the recovery exchanger freezing up.



DUPLEX EC5 has horizontal underceiling mounting position, heat recovery core efficiency up to 92 % and EBM Papst fans.



DUPLEX ECV5 **280–580 m³/h** (280, 380, 580)

Small and compact air handling unit for the ventilation of residential apartments and houses with all spigots up.

DOMESTIC LINE



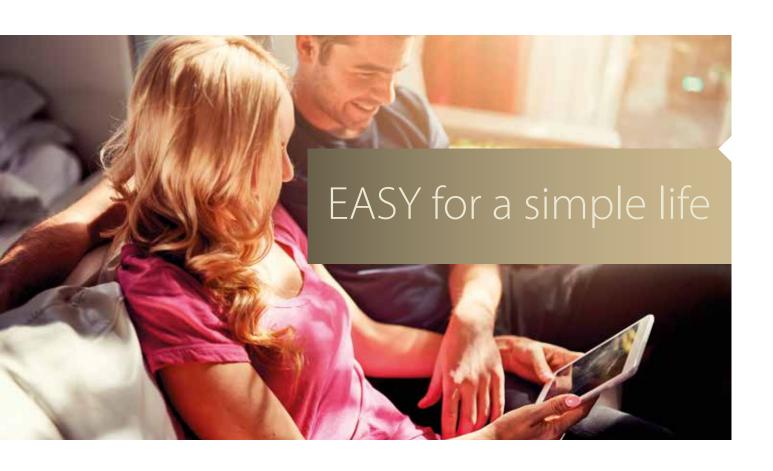
ADVANTAGES Easy

Two types of controls

- 93 % counterflow heat recovery exchanger
- Top quality EC fans German quality
- Underceiling, flat or floor-standing position
- 100 % by-pass damper
- Excellent dimensions
- Easy filter replacement

- Possible of constant pressure in the supply
- Possible of distribution the supply and exhaust air
- Certificate Passive House Institute mark of highest efficiency





Under-ceiling — Floor-standing flat — Wall mounted



ADVANTAGES for investors and designers

Excellent dimensions (280 mm)

The DUPLEX Easy was developed with a constant emphasis on the market's requirements for the size of the units. The DUPLEX Easy units' design has been modified to achieve the height of the ceiling-suspended position of 280 mm! This factor greatly facilitates installation and saves space.

Filters

Filters are important for a healthy indoor climate without pollutants from an outside environment. Customers can choose a filter class to meet their needs. These filters are also very easy to replace.



There are two types of control system available for our customers:



Various functions of the RD5 control system:

- Constant flow An option to fit sensors for constant flow control
- Constant pressure An optional accessory for constant pressure control.
- CO₂ sensors, relative humidity sensors and air quality sensors An option to set the intensity of ventilation automatically based on those parameters.
- Modbus TCP Communication with a superior system for BMS.
- User preferences including setting weekly programmes for ventilation, heating and cooling modes.
- Immediate manual override settings for more convenience to the user as well as weekly programme control.
- External inputs function ventilation switches as required.
- Combined heating and preheating (electrical or water based)
- Zoning the ability to split the building into zones and define their operation.
- **BACnet / KNX** optional converter enables connection to the superior system via BACnet or KNX protocol.

CP Touch controller

- Touchscreen and fully colourful controller
- On the wall design
- Similar design with Atrea web interface
- Built-in temperature sensor for free ambient temperature control
- Password protected service access for enhanced safety
- 50 m distance reach
- Automatic screensaver
- Up to 4 controllers per one unit

CP 10 controller

- Optional version
- Simple and cheaper controller for the ATREA RD5 control system
- Intuitive power and temperature setting
- Both controllers with one unit possible
- Simple On / Off button
- Suitable for easy controlling in houses, restaurants, shops etc.
- Additional full remote setting control possibility



CPA controller

- Graphic touchscreen controller
- Weekly program
- "Party" mode when a higher ventilation performance is requested
- "Vacation" mode automatic activation and deactivation according to a set date
- Warns when the filters need to be changed
- Automatic operation on a constant output signal e.g. constant pressure control

RD5 which meets all requirements for the most advanced system.

CP which is a cheaper and simple control system for controlling the basic functions of the unit.

CPB controller

- Manual or automatic mode
- Continuous fan control
- Automatic by-pass damper control
- Anti-freeze heat recovery exchanger protection
- Switching between external electric or built-in water heater
- Switching for selected performance according to an external signal
- Automatic operation according to sensors (CO₂, rH) with 0–10 V output
- Control of the intake and outlet lock dampers
- Settings for minimum and maximum allowed revs
- Optional connection of CO₂ or rH sensor max.
 2 sensors with a switch or 0–10 V output
- Outputs for electric preheater and heater control (pulse 10 V) or hot-water control (0–10 V)





Ventilation ceilings

Certification

BUSINESS advantages

Attractive design

Polycarbonate fillings together with • stainless steel elements create a very elegant kitchen design.

• Low purchase price

High quality comes along with high prices, but we maintain a competi- • Light weight tive price level.

• Easy maintenance

It is extremely easy to clean the ceil- • Brightens up the space

ing. A wet dishrag will do the job.

Pleasant environment for cooks

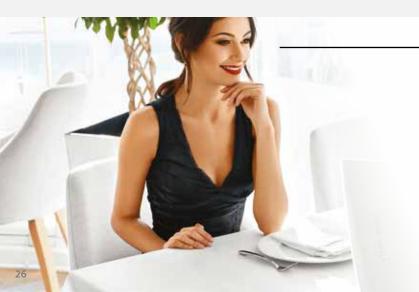
People need to work in a healthy and light environment, which is not a problem when having ATREA TPV ceiling in the kitchen.

There are no special weight demands to install ATREA ventilation ceilings.

Thanks to the polycarbonate light covers, the light spreads all over the place.

• Air-tight (closed extraction system)

This system ensures that no polluted air can come into contact with the building construction and thus no mold can form. This is extremely important, because we maintain a very high level of hygiene in all of our ventilation systems.



TECHNICAL advantages

- Complete ventilation system from one producer
- Automatic control system
- Ventilates the entire area of the kitchen
- Hygienic air exchange
- High filtration efficiency
- Europe-wide TÜV certification
- Integrated supply of fresh air
- Integrated light for the whole area
- Perfect protection for the building construction



TPV Czech House Moscow

TPV-N



CHARACTERISTICS

- TPV A standard polycarbonate version of a fully illuminated ventilation ceiling.
- TPV-N Ventilation ceiling made of stainless steel.
- SKV A perfect design of the kitchen ventilation ceiling achieved due to arched polycarbonate panels.
- TPV EXCLUSIVE An exclusive design created mainly for the ventilation of show kitchens. The LED technology and translucent elements give show kitchens a unique look.

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KITCHEN LINE



MODIS 2 is part of ATREA's product line – assembled kitchen hoods with a unique construction solution based on a modular system. This line offers an option to choose how the product will be delivered.

A simple hood suitable for appliances such as dishwashers and convection ovens for kitchens of all types and sizes. The operation of such appliances does not result in the particles of fat being contained in exhaust air so it is not necessary to install grease filters.

There are three choices to be made:

- Delivery of a disassembled hood without the spigot
- Delivery of a disassembled hood with the spigots ready to be assembled on-site
- Delivery of an assembled hood
- 5 year warranty
- Attractive design
- Integrated light

- Compact size
- Integrated supply of fresh air
- Elegant design
- Integrated LED light (remotely controlled)
- Built-in heat exchanger with the efficiency up to 68 %
- Built-in heaters
- Integrated digital control system RD5



VARIANT

Kitchen hoods VARIANT ensure efficient extraction with exhaust air filtration and simultaneously the supply of fresh air for kitchens of all sizes. They are custom made and include an automatic operation control system.

GRANDE

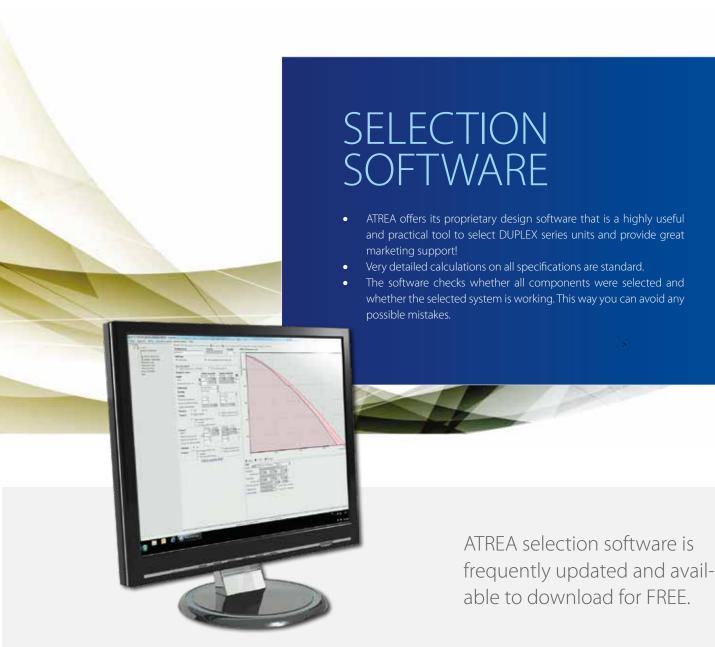
The welded stainless steel kitchen hood GRANDE was developed to meet the most stringent technical parameters according to the EN16282 and also the customer's design demands. Thanks to these parameters it can be used for ventilating cooking tops working under enormous strain and also acts as a design element.

- Integrated supply of fresh air
- Integrated fluorescent light with IP65
- Low weight
- Elegant design
- Optional directing of fresh air supply
- Compact size

- Stainless steel design
- Cost-saving light
- Wireless control of the light
- Minimum of mounting joints (a "fully welded" look)
- Huge accumulation space
- High efficiency of separators

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SELECTION SOFTWARE



- Selecting a unit and its accessories
- Showing parameters of the selected appliance
- An option to adjust the various parameters, designs or mounting positions of the units
- Selecting the control system with accessories in a functional set
- Electrical wiring diagrams
- Displaying and printing the components installed, an h-x diagram and HVAC diagrams

IT INCLUDES

- Price specifications of individual components
- Print output to a printer or PDF
- Exporting drawings and diagrams to DXF in 2D or 3D
- Sending the design and export by e-mail
- Additionally, the design software includes a full catalogue of ATREA's products in PDF format.

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We, as ATREA, can prove our quality by having premium European certificates and complying with highest European standards. Thus, we give the base to our customers to win even the most difficult projects.



EU directive No. 1253/2014, which applies to ventilation units with heat recovery; manufacturers and distributors. According to this directive, the airhandling unit must meet the following minimum requirements:

- 1) residential ventilation units max flow rate does not exceed 250 m³/h or is between 250–1.000 m³/h and the manufacturer declares its use only for residential ventilation application (within ATREA product range DUPLEX Easy, EC5).
- **2) non-residential ventilation units** max flow rate exceeds 250 m³/h and is between 250–1.000 m³/h and the manufacturer **does not** declare its use for residential ventilation application (within ATREA product range DUPLEX Flexi, Roto, Multi, MultiEco)

All ventilation units, except dual use units, shall be equipped with a multi-speed drive or a variable speed drive All bidirectional ventilation units shall have a heat recovery system. The heat recovery system shall have a thermal by-pass facility.







Passive House certificate; our units are certified based on **few minimal require-ments** that need to be fulfilled in order to obtain this certificate.

These are:

- Recovery efficiency
 75 % SFP 0.45 W/m³/h
- The tightness of the casing and between sections in the unit – max. 3 % of the nominal flow
- Noise
- Power energy consumption during active frost protection of the heat exchanger

German norm with very strict requirements. It guarantees that health-conscious materials have been used, together with smooth surfaces that do not support the growth or spread of micro-organisms. This is declared by the special ISO EN846 test. It also defines minimal requirements for the unit's construction, so all the parts of the unit are easily accessible and safe to reach. Moreover, it takes in account the indoor air quality by determining the proper filtration class.

This independent certificate organ ensures customers, that declared parameters by producer are true. Eurovent can certify both – an air-handling unit or a heat exchanger.





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